



## **RAW SEQUENCE LISTING ERROR REPORT**

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number: 10/007,621B  
Source: OIPE  
Date Processed by STIC: 11/7/02

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- 2) TELEPHONING APPLICANT AND FAXING A COPY OF THIS PRINTOUT, WITH A NOTICE TO COMPLY.

**FOR CRF SUBMISSION QUESTIONS, PLEASE CONTACT MARK SPENCER, 703-308-4212.**

**FOR SEQUENCE RULES INTERPRETATION, PLEASE CONTACT ROBERT WAX, 703-308-4216.**

**PATENTIN 2.1 e-mail help: [patin21help@uspto.gov](mailto:patin21help@uspto.gov) or phone 703-306-4119 (R. Wax)**

**PATENTIN 3.0 e-mail help: [patin3help@uspto.gov](mailto:patin3help@uspto.gov) or phone 703-306-4119 (R. Wax)**

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Please consider using alternate methods of submission for the disk/CD-Rom or replacement disk/CD-Rom.

**Any reply including a sequence listing in electronic form should NOT be sent to the 20231 zip code address for the United States Patent and Trademark Office, and instead should be sent via the following to the indicated addresses:**

1. EFS-Bio (<<http://www.uspto.gov/ebc/efs/downloads/documents.htm>> , EFS Submission User Manual - ePAVE)
2. U.S. Postal Service: U.S. Patent and Trademark Office, Box Sequence, P.O. Box 2327, Arlington, VA 22202
3. Hand Carry directly to:  
U.S. Patent and Trademark Office, Technology Center 1600, Reception Area, 7<sup>th</sup> Floor, Examiner Name, Sequence Information, Crystal Mall One, 1911 South Clark Street, Arlington, VA 22202  
Or  
U.S. Patent and Trademark Office, Box Sequence, Customer Window, Lobby, Room 1B03, Crystal Plaza Two, 2011 South Clark Place, Arlington, VA 22202
4. Federal Express, United Parcel Service, or other delivery service to: U.S. Patent and Trademark Office, Box Sequence, Room 1B03-Mailroom, Crystal Plaza Two, 2011 South Clark Place, Arlington, VA 22202

Revised 01/29/2002



Does Not Comply  
Corrected Diskette Needed

OIPE

## RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/007,621B

DATE: 11/07/2002

TIME: 15:36:57

Input Set : A:\USSN 10007621.txt

Output Set: N:\CRF4\11072002\J007621B.raw

3 <110> APPLICANT: VISIGEN BIOTECHNOLOGIES, LTD. CO.  
 5 <120> TITLE OF INVENTION: Enzymatic Nucleic Acid Synthesis: Compositions and Methods  
 For Altering  
 7 <130> FILE REFERENCE: 00007/02UTL  
 9 <140> CURRENT APPLICATION NUMBER: 10/007,621B  
 10 <141> CURRENT FILING DATE: 2001-12-03  
 12 <160> NUMBER OF SEQ ID NOS: 9  
 14 <170> SOFTWARE: PatentIn version 3.1  
 16 <210> SEQ ID NO: 1  
 17 <211> LENGTH: 7  
 18 <212> TYPE: DNA  
 19 <213> ORGANISM: Artificial  
 W--> 21 <220> FEATURE:  
 W--> 21 <223> OTHER INFORMATION:  
 W--> 21 <400> 1  
 22 atgcctg 7  
 25 <210> SEQ ID NO: 2  
 26 <211> LENGTH: 19  
 27 <212> TYPE: DNA  
 28 <213> ORGANISM: Artificial  
 W--> 30 <220> FEATURE:  
 W--> 30 <223> OTHER INFORMATION:  
 W--> 30 <400> 2  
 31 ggtactaagc ggccgcatg 19  
 34 <210> SEQ ID NO: 3  
 35 <211> LENGTH: 20  
 36 <212> TYPE: DNA  
 37 <213> ORGANISM: Artificial  
 W--> 39 <220> FEATURE:  
 W--> 39 <223> OTHER INFORMATION:  
 W--> 39 <400> 3  
 40 ccatgattcg ccggcggtact 20  
 43 <210> SEQ ID NO: 4  
 44 <211> LENGTH: 20  
 45 <212> TYPE: DNA  
 46 <213> ORGANISM: Artificial  
 W--> 48 <220> FEATURE:  
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 W--> 48 <400> 4  
 49 ccatgattcg ccggcggtacc 20  
 52 <210> SEQ ID NO: 5  
 53 <211> LENGTH: 20  
 54 <212> TYPE: DNA  
 55 <213> ORGANISM: Artificial

*Error - see explanation on p. 3*

## RAW SEQUENCE LISTING

DATE: 11/07/2002

PATENT APPLICATION: US/10/007,621B

TIME: 15:36:57

Input Set : A:\USSN 10007621.txt

Output Set: N:\CRF4\11072002\J007621B.raw

W--> 57 <220> FEATURE:  
W--> 57 <223> OTHER INFORMATION:  
W--> 57 <400> 5  
58 ccatgattcg ccggcggtacg 20  
61 <210> SEQ ID NO: 6  
62 <211> LENGTH: 20  
63 <212> TYPE: DNA  
64 <213> ORGANISM: Artificial  
W--> 66 <220> FEATURE:  
W--> 66 <223> OTHER INFORMATION:  
W--> 66 <400> 6  
67 ccatgattcg ccggcggtaca 20  
70 <210> SEQ ID NO: 7  
71 <211> LENGTH: 23  
72 <212> TYPE: DNA  
73 <213> ORGANISM: Artificial  
W--> 75 <220> FEATURE:  
W--> 75 <223> OTHER INFORMATION:  
W--> 75 <400> 7  
76 ccatgattcg ccggcggtacc tag 23  
79 <210> SEQ ID NO: 8  
80 <211> LENGTH: 21  
81 <212> TYPE: DNA  
82 <213> ORGANISM: Artificial  
W--> 84 <220> FEATURE:  
W--> 84 <223> OTHER INFORMATION:  
W--> 84 <400> 8  
85 ccatgattcg ccggcggtact c 21  
88 <210> SEQ ID NO: 9  
89 <211> LENGTH: 23  
90 <212> TYPE: DNA  
91 <213> ORGANISM: Artificial  
W--> 93 <220> FEATURE:  
W--> 93 <223> OTHER INFORMATION:  
W--> 93 <400> 9  
94 ccatgattcg ccggcggtact ttc 23

## RAW SEQUENCE LISTING ERROR SUMMARY

DATE: 11/07/2002

PATENT APPLICATION: US/10/007,621B

TIME: 15:36:58

Input Set : A:\USSN 10007621.txt

Output Set: N:\CRF4\11072002\J007621B.raw

Invalid <213> Response:

Use of "Artificial" only as "<213> Organism" response is incomplete,  
per 1.823(b) of New Sequence Rules. Valid response is Artificial Sequence.

Seq#:1,2,3,4,5,6,7,8,9

Use of <220> Feature(NEW RULES):

Sequence(s) are missing the <220> Feature and associated headings.

Use of <220> to <223> is MANDATORY if <213> ORGANISM is "Artificial Sequence"  
or "Unknown". Please explain source of genetic material in <220> to <223>  
section (See "Federal Register," 6/01/98, Vol. 63, No. 104, pp.29631-32)  
(Sec.1.823 of new Rules)

Seq#:1,2,3,4,5,6,7,8,9

## VERIFICATION SUMMARY

PATENT APPLICATION: US/10/007,621B

DATE: 11/07/2002

TIME: 15:36:58

Input Set : A:\USSN 10007621.txt

Output Set: N:\CRF4\11072002\J007621B.raw

L:21 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ#:1, <213>  
ORGANISM:Artificial  
L:21 M:258 W: Mandatory Feature missing, <223> Tag not found for SEQ#:1, <213>  
ORGANISM:Artificial  
L:21 M:258 W: Mandatory Feature missing, <223> Blank for SEQ#:1,Line#:21  
L:30 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ#:2, <213>  
ORGANISM:Artificial  
L:30 M:258 W: Mandatory Feature missing, <223> Tag not found for SEQ#:2, <213>  
ORGANISM:Artificial  
L:30 M:258 W: Mandatory Feature missing, <223> Blank for SEQ#:2,Line#:30  
L:39 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ#:3, <213>  
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L:39 M:258 W: Mandatory Feature missing, <223> Tag not found for SEQ#:3, <213>  
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L:39 M:258 W: Mandatory Feature missing, <223> Blank for SEQ#:3,Line#:39  
L:48 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ#:4, <213>  
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L:48 M:258 W: Mandatory Feature missing, <223> Tag not found for SEQ#:4, <213>  
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L:57 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ#:5, <213>  
ORGANISM:Artificial  
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L:57 M:258 W: Mandatory Feature missing, <223> Blank for SEQ#:5,Line#:57  
L:66 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ#:6, <213>  
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L:66 M:258 W: Mandatory Feature missing, <223> Blank for SEQ#:6,Line#:66  
L:75 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ#:7, <213>  
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L:75 M:258 W: Mandatory Feature missing, <223> Tag not found for SEQ#:7, <213>  
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L:75 M:258 W: Mandatory Feature missing, <223> Blank for SEQ#:7,Line#:75  
L:84 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ#:8, <213>  
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L:84 M:258 W: Mandatory Feature missing, <223> Tag not found for SEQ#:8, <213>  
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L:84 M:258 W: Mandatory Feature missing, <223> Blank for SEQ#:8,Line#:84  
L:93 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ#:9, <213>  
ORGANISM:Artificial  
L:93 M:258 W: Mandatory Feature missing, <223> Tag not found for SEQ#:9, <213>  
ORGANISM:Artificial  
L:93 M:258 W: Mandatory Feature missing, <223> Blank for SEQ#:9,Line#:93